

AMENDMENTS TO THE CLAIMS

Please cancel claim 39 and amend claims 37-38 and 41 as shown in the following Listing of Claims.

Listing of Claims

36. (previously canceled)

37. (currently amended) An electrical module comprising:
a front cover having a front cover front side and a front cover back side;
a back cover having a back cover front side and a back cover back side;
an electrical function being user accessible from said front cover front side;
a plurality of module fixtures extending generally perpendicularly from said back cover back side; and

a plurality of contacts substantially shielded by said module fixtures,
said contacts being in communications with said electrical function,
said contacts retained by said front cover back side and said back cover front side, and
said module fixtures configured to removably engage a corresponding plurality of panel fixtures extending generally perpendicularly from a wiring panel mounted within an electrical box so as to bring said contacts in communications with an electrical power source connected to said panel.

38. (currently amended) The electrical module according to claim 37 further comprising a thermoplastic key adapted to said wiring panel so that said module can only engage said wiring panel in a predetermined orientation.

39. (canceled)

40. (previously added) The electrical module according to claim 39 further comprising a conductive element disposed at least partially around the outside of said front cover.

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41. (amended) An electrical wiring panel comprising:
a board having a generally planar front side and a back side;
a raised chamber portion of said back side;
a panel fixture portion of said front side extending normal to said front side;
a back side cover retained by said board; and
a plurality of panel contacts accessible from said front-side and retained by said raised
chamber portion; and

a plurality of panel fixtures said panel fixture portion disposed at least partially around
said panel contacts,

said panel fixtures fixture portion configured to removably engage a corresponding
plurality of module fixtures extending from module fixture portion of a functional module so as
to bring said panel contacts in electrical communications with a corresponding plurality of
module contacts.

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42. (previously canceled)

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43. (previously amended) The electrical wiring panel according to claim 42 further
comprising a plurality of breakaways, one each located on a corresponding one of said busses,
said breakaways being removable so as to isolate a first portion of said panel contacts from a
second portion of said panel contacts.

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44. (previously amended) The electrical wiring panel according to claim 41 further
comprising a bracket extending generally perpendicularly from said front side, said bracket
adapted to mount said panel within said box.

what a box?

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45. (previously added) An electrical wiring assembly comprising:
a wiring panel having a front side and a back side,
said front side having a panel fixture shielding a panel contact,
said wiring panel installable within an electrical box; and
an electrical module comprising a front cover and a back cover,
said front cover providing a user accessible electrical function,
said back cover having a module fixture shielding a module contact,
said module fixture configured to engage said panel fixture so as to electrically connect
said module contact with said panel contact.

46. (previously added) The electrical wiring assembly according to claim 45 further comprising:

an electrical box having an open front face and a back face,
said wiring panel adapted to install within said electrical box so as to partition the interior
of said box into a user accessible module compartment proximate said front face and a user
inaccessible wiring compartment proximate said back face, said panel fixture proximate said
module compartment and distal said wiring compartment,

said wiring panel further having a cable connector proximate said wiring compartment
and distal said module compartment,

said panel contact in communication with said cable connector via a buss portion of said
wiring panel,

said cable connector configured to terminate a power cable routed into said wiring
compartment,

said module installable within said module compartment by engaging said panel so that
said module contact is in communication with said cable connector via said panel contact.

47. (previously added) The electrical wiring assembly according to claim 46 wherein:

said module has ground bar,
said panel has a corresponding ground slot, and
said ground bar and said slot being located so as to insure a particular orientation of said
module with respect to said panel.

13

48. (previously amended) An electrical wiring assembly comprising:

a wiring panel having a front side and a back side, said front side having a panel fixture extending generally perpendicularly from said front side and a panel contact accessible from within said panel fixture; and

an electrical module comprising a front cover and a back cover, said front cover providing a user accessible electrical function, said back cover having a module fixture extending generally perpendicularly from said back cover and a module contact accessible from within said module fixture,

said module fixture configured to removably engage said panel fixture so as to connect said module contact with said panel contact.

13
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(previously added) The electrical wiring assembly according to claim 48 further comprising:

a module ground contact extending from said back cover; and
a panel ground contact accessible from said front side;
said module ground contact adapted to engage said panel ground contact only when said module is in a predetermined orientation with respect to said panel.